

## **APPENDIX A: SITE PHOTOS FOR 18-MONTH MONITORING PERIOD**

### ***A1: Colusa Study Area Sites***

520COL006 – Colusa Basin Drain at Hwy 20  
520COL005 – Powell Slough at Hwy 20  
520COL107 – New Ditch, upstream of effluent  
520COL106 – Unnamed Tributary, upstream of effluent  
520COL105 – Unnamed Tributary, downstream of effluent  
520COL003 – Powell Slough, upstream of effluent  
520COL102 – Powell Slough, downstream of effluent  
520COL101 – Colusa Basin Drain at Abel Road

### ***A2: Willows Study Area Sites***

520COL108 – Hunters Creek , downstream of effluent  
520COL109 – Logan Creek, downstream of effluent  
520GLE002 – Colusa Basin Drain at Road 61  
520GLE001 – Willow Creek at Road 61  
520GLE003 – Ag Drain C at Road 60  
520GLE005 – Ag Drain C, upstream of effluent  
520GLE004 – Ag Drain C, downstream of effluent

### ***A3: Live Oak Study Area Sites***

520SUT007 – Lateral Drain #2, downstream of effluent  
520SUT008 – Lateral Drain #2, upstream of effluent  
520SUT005 – Wadsworth Canal, upstream of effluent  
520SUT006 – Sutter Bypass, upstream of effluent  
520SUT004 – Sutter Bypass, downstream of effluent

### ***A4: Biggs Study Area Sites***

520BUT902 – Butte Creek, upstream near Nelson Road  
520BUT004 – Lateral K, upstream of effluent  
520BUT003 – Lateral K, downstream of effluent  
520BUT002 – Cherokee Canal at Colusa Highway  
520BUT001 – Main Drainage Canal downstream of Biggs Discharge  
520COL104 – Butte Slough downstream of effluent at Farmlan Road

**A1: Colusa Study Area – Colusa Basin Drain at Hwy 20 (520COL006)**



April 16, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A1: Powell Slough at Hwy 20 (520COL005)**



April 16, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A1: New Ditch, upstream of effluent (520COL107)**

 <p>April 16, 2012</p>	 <p>June 28, 2012</p>
 <p>August 28, 2012</p>	 <p>October 9, 2012</p>
 <p>December 11, 2012</p>	 <p>March 12, 2013</p>
 <p>July 24, 2013</p>	 <p>September 24, 2013</p>



**A1: Unnamed Tributary, upstream of effluent (520COL106)**



April 16, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A1: Unnamed Tributary, downstream of effluent (520COL105)**



April 16, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013

**A1: Powell Slough, upstream of effluent (520COL003)**



April 16, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A1: Powell Slough, downstream of effluent (520COL102)**



April 16, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A1: Colusa Basin Drain at Abel Road (520COL101)**



April 16, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



June 18, 2013



September 24, 2013

**A2: Willows Study Area – Hunters Creek (520COL108)**



April 17, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A2: Logan Creek, downstream of effluent (520COL109)**



April 17, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A2: Colusa Basin Drain at Road 61 (520GLE002)**



April 17, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A2: Willow Creek at Road 61 (520GLE001)**



April 17, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013

**A2: Ag Drain C at Road 60 (520GLE003)**



April 17, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 26, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A2: Ag Drain C, upstream of effluent (520GLE005)**



April 17, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



September 24, 2013



**A2: Ag Drain C, downstream of effluent (520GLE004)**



April 17, 2012



June 28, 2012



August 28, 2012



October 9, 2012



December 11, 2012



March 12, 2013



July 24, 2013



August 27, 2013



**A3: Live Oak Study Area – Lateral Drain #2 downstream of effluent (520SUT007)**



April 18, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 27, 2012



March 14, 2013



July 25, 2013



September 26, 2013



**A3: Lateral Drain #2, upstream of effluent (520SUT008)**



April 18, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 27, 2012



March 14, 2013











July 25, 2013



September 26, 2013











**A3: Wadsworth Canal, upstream of effluent (520SUT005)**

 <p>A photograph of a canal with a grassy bank and a single vertical pole in the water. The water is calm and reflects the sky.</p>	 <p>A photograph of a canal with a dense green vegetated bank in the foreground and a grassy bank in the background.</p>
<p>April 18, 2012</p>	<p>June 26, 2012</p>
 <p>A photograph of a canal with a grassy bank and some trees in the background.</p>	 <p>A photograph of a canal with a grassy bank and some trees in the background.</p>
<p>August 29, 2012</p>	<p>October 11, 2012</p>
 <p>A photograph of a canal with a grassy bank and some trees in the background.</p>	 <p>A photograph of a canal with a grassy bank and some trees in the background.</p>
<p>December 27, 2012</p>	<p>March 14, 2013</p>
 <p>A photograph of a canal with a grassy bank and some trees in the background.</p>	 <p>A photograph of a canal with a grassy bank and some trees in the background.</p>
<p>July 25, 2013</p>	<p>September 26, 2013</p>



**A3: Sutter Bypass – upstream of effluent (520SUT006)**

 <p>A photograph of a concrete bridge with multiple piers crossing a river. The water is calm, reflecting the bridge and the sky. There are some trees and vegetation on the left bank.</p>	 <p>A photograph of the same bridge from a different angle, showing more of the right bank. The water is still, and the sky is clear.</p>
<p>April 18, 2012</p>	<p>June 26, 2012</p>
 <p>A photograph of the bridge from a distance, showing the surrounding landscape with trees and a clear sky.</p>	 <p>A photograph of the bridge with some trees in the foreground, partially obscuring the view.</p>
<p>August 29, 2012</p>	<p>October 11, 2012</p>
 <p>A photograph of the bridge with bare trees in the foreground, indicating a winter or late autumn setting.</p>	 <p>A photograph of the bridge with some greenery starting to appear on the banks.</p>
<p>December 27, 2012</p>	<p>March 14, 2013</p>
 <p>A photograph of the bridge with lush green vegetation on the left bank.</p>	 <p>A photograph of the bridge with trees and a clear sky, similar to the August 29, 2012 photo.</p>
<p>July 25, 2013</p>	<p>September 26, 2013</p>



**A3: Sutter Bypass, downstream of effluent (520SUT004)**



April 18, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 13, 2012



March 14, 2013



July 25, 2013



September 26, 2013



**A4: Biggs Study Area - Butte Creek, upstream near Nelson Road (520BUT902)**



April 19, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 13, 2012



March 14, 2013



July 25, 2013



September 26, 2013



**A4: Lateral K, upstream of effluent (520BUT004)**



April 19, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 13, 2012



March 14, 2013



July 25, 2013



September 26, 2013



**A4: Lateral K, downstream of effluent (520BUT003)**



April 19, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 13, 2012



March 14, 2013



July 25, 2013



September 26, 2013



**A4: Cherokee Canal at Colusa Highway (520BUT002)**



April 19, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 13, 2012



March 14, 2013



July 25, 2013



August 29, 2013



**A4: Main Drainage Canal, downstream of effluent (520BUT001)**



April 19, 2012



June 26, 2012



August 29, 2012



October 25, 2012



December 13, 2012



March 14, 2013



July 25, 2013



September 26, 2013



**A4: Butte Slough, downstream of effluent at Farmlan Road (520COL104)**



May 24, 2012



June 26, 2012



August 29, 2012



October 11, 2012



December 27, 2012



March 14, 2013



July 25, 2013



September 26, 2013